

S/N: 10/086,139

Docket No. 1232-4826**LISTING OF CLAIMS**

Claims 2, 4, 9-17 and 19-21 are pending. By this Amendment, claims 2 and 9 are amended and new claim 22 is added. The following listing of claims should replace all previous claim listings.

1. (Canceled)

2. (Currently Amended) An eye fundus examination apparatus comprising

(1) image pickup means for picking up an eye fundus image of an eye to be examined;

(2) display means for displaying the eye fundus image picked up by said image pickup means;

(3) data display means for ~~displaying a measurement data on~~ causing said display means ~~together with~~ to display a first image in which a measurement data and the eye fundus image are displayed together or a second image in which an enlarged eye fundus image is overlapped and displayed with a displayed measurement data;

(4) laser beam illumination means for performing predetermined measurement with respect to a predetermined position of the eye fundus, and

(5) control means for controlling ~~a measurement state of said~~ the data display means and the laser beam illumination means,

wherein said control means ~~enlarges the eye fundus image displayed on said display means and displays an enlarged eye fundus image~~ controls the data display means to change the first image to the second image when ~~said the~~ laser beam illumination means irradiates a laser beam.

3. (Canceled)

S/N: 10/086,139

Docket No. 1232-4826

4. (Original) An apparatus according to claim 2, wherein said control means zooms an image displayed on said display means at the start of the laser beam illumination, and restores the image to the size before zooming at the end of the laser beam illumination.

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Currently Amended) An ~~eye fundus examination apparatus~~ according to claim 2,
further comprising:

(1) illumination means for illuminating an eye fundus of an eye to be examined;

(2) ~~beam illumination means for illuminating the eye fundus with a beam;~~

(3) ~~image pickup means for outputting an electrical image signal by picking up~~
~~an eye fundus image illuminated by said illumination means and an illumination image~~
~~illuminated by said beam illumination means;~~

(4) ~~display means for displaying the eye fundus image and illumination beam~~
~~image on the basis of the video signal;~~

(5) beam position detection means for detecting an illumination beam position;

and

(6) display information control means which can change at least one of a display position and a display enlarged ratio of the eye fundus image and a beam image displayed on said display means, in accordance with a detection result obtained by said beam position detection means.

10. (Previously Presented) An apparatus according to claim 9, wherein when the display position or display enlarged ratio is to be changed, the display position or display

S/N: 10/086,139

Docket No. 1232-4826

enlarged ratio is changed such that the beam position is displayed in a display area where the image is displayed.

11. (Previously Presented) An apparatus according to claim 9, wherein when the display position or display enlarged ratio is to be changed, the display position or display enlarged ratio is changed such that the beam position is displayed in a substantially center of a display area where the image is displayed.

12. (Original) An apparatus according to claim 9, wherein control is performed to display a low-zooming-ratio display image when the beam position cannot be detected, and to display a high-zooming-ratio display image when the beam position can be detected.

13. (Previously Presented) An apparatus according to claim 11, wherein the display position or display enlarged ratio is changed a predetermined time after detection of the beam position.

14. (Original) An apparatus according to claim 9, wherein both the eye fundus image and predetermined data can be displayed on said display means, and a method of displaying the eye fundus image and the predetermined data is changed when the beam position is detected.

15. (Previously Presented) An apparatus according to claim 9, further comprising instruction means for instructing to change at least one of a display position and display enlarged ratio of an image displayed on said display means.

16. (Previously Presented) An apparatus according to claim 2, wherein said control means changes the display state in accordance with the predetermined position.

17. (Previously Presented) An apparatus according to claim 19, wherein said control means changes the display state in accordance with the predetermined position.

18. (Canceled)

19. (Previously Presented) An apparatus according to claim 2, further comprising

S/N: 10/086,139

Docket No. 1232-4826

(1) instruction signal input means for inputting an instruction signal for a measurement state to said control means,

wherein the display state of said display means is changed in accordance with an instruction from said instruction signal input means.

20. (Previously Presented) An apparatus according to claim 2, wherein said eye fundus examination apparatus is an eye fundus blood flowmeter.

21. (Previously Presented) An apparatus according to claim 2, further comprising:

(7) eye fundus illumination means for illuminating the eye fundus of the eye to be examined;

(8) beam position detection means for detecting an illumination beam position; and

(9) display information control means which can change at least one of a display position and a display enlarged ratio of the eye fundus image and a beam image displayed on said display means, in accordance with a detection result obtained by said beam position detection means.

22. (New) An eye fundus examination apparatus according to claim 2, wherein the measurement data includes one of patient information, a measurement situation, and a measurement data.